CLAIMS

1. One or more computer-readable media comprising computer-executable instructions that perform the following when executed by a computer:

determine a type or a connection type of a display in use by a computer; and

present, based on the type or the connection type of the display, instructions to aid a user in calibrating the display.

2. The computer-readable media of claim 1, wherein the determination includes presenting graphics that illustrate multiple display types and receiving a selection of one of the multiple display types, wherein the selected display type is the type of the display in use by the computer.

3. The computer-readable media of claim 1, wherein the determination includes presenting graphics that illustrate multiple connection types and receiving a selection of one of the multiple connection types, wherein the presentation is based on the selected connection type.

4. The computer-readable media of claim 1, wherein the determination includes only the type of the display and the presentation is based on only the type of the display.

5. The computer-readable media of claim 1, wherein the determination includes presenting multiple connection types to the user and receiving, from the user, a selection of one of the connection types.

6. The computer-readable media of claim 1, wherein the determination includes presenting a television connection type and a computer connection type to the user and receiving, from the user, a selection of the television connection type or the computer connection type.

7. The computer-readable media of claim 1, wherein the determination includes presenting multiple types of displays to the user and receiving, from the user, a selection of one of the display types.

8. The computer-readable media of claim 1, wherein the determination includes presenting multiple types of displays to the user and receiving, from the user, a selection of one of the display types, wherein the multiple types of displays include a tube type of display, a panel type of display, a rear-projection type of display, or a forward-projection type of display.

9. The computer-readable media of claim 1, wherein the determination includes presenting multiple types of displays to the user and receiving, from the user, a selection of one of the display types, wherein the multiple display types include a tube type of display, a plasma-panel type of display, a non-plasma-panel type of display, a CRT rear-projection type of display, a non-CRT rear-projection type of display, a three-light forward-projection type of display, or a one-light forward-projection type of display.

10. The computer-readable media of claim 1, wherein the determination includes presenting a 4x3 width-to-height ratio and a 16x9 width-to-height ratio to the user, and receiving, from the user, a selection of one of the width-to-height ratios.

11. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating the display for use of the display to render motion video.

12. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating displays having a television connection type.

13. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating displays having a computer connection type.

14. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating a tube-type display if the display is of the tube-type.

15. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating a panel-type display if the display is of the panel-type.

16. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating a rear-projector-type display if the display is of the rear-projector-type.

17. The computer-readable media of claim 1, wherein the presentation of the instructions is directed to calibrating a forward-projector-type display if the display is of the forward-projector-type.

18. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video.

19. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video and information directed at how the photo-realistic moving video guides the user in calibrating the display.

20. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a centering and size of media on the display.

21. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a brightness of the display.

22. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a contrast of the display.

23. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a color balance of the display.

24. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a color and tint of the display.

25. The computer-readable media of claim 1, wherein the presentation of the instructions is directed at aiding the user to calibrate a sharpness of the display.

26. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to centering and sizing of media on the display.

27. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to calibrating a brightness of the display.

28. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to calibrating a contrast of the display.

29. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to calibrating a color balance of the display.

30. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to calibrating a color and tint of the display.

31. The computer-readable media of claim 1, wherein the presentation of the instructions includes presenting a photo-realistic moving video tailored to calibrating a sharpness of the display.

32. The computer-readable media of claim 1, further comprising:

directing the user to a screen settings application if the type of the display in use by the computer does not match screen settings appropriate for the type of the display.

33. The computer-readable media of claim 1, further comprising:

installing a screen settings application if the type of the display in use by the computer does not match screen settings appropriate for the type of the display.

34. One or more computer-readable media comprising computer-executable instructions that perform the following when executed by a computer:

present one or more photo-realistic motion videos to a user to aid the user in calibrating a computer display.

35. The computer-readable media of claim 34, wherein the photo-realistic motion videos are presented based on the computer display's type of display.

36. The computer-readable media of claim 34, wherein the photo-realistic motion videos are presented based on the computer display's connection type.

37. The computer-readable media of claim 34, wherein one or more of the photo-realistic motion videos are hyper-sensitive to calibration changes of the computer display.

38. The computer-readable media of claim 34, wherein the presentation is directed to calibrating the computer display for use of the computer display to render motion video.

39. The computer-readable media of claim 34, wherein the presentation is directed to calibrating a tube-type display if the computer display is of the tube-type.

40. The computer-readable media of claim 34, wherein the presentation is directed to calibrating a panel-type display if the computer display is of the panel-type.

41. The computer-readable media of claim 34, wherein the presentation is directed to calibrating a rear-projector-type display if the computer display is of the rear-projector-type.

42. The computer-readable media of claim 34, wherein the presentation is directed to calibrating a forward-projector-type display if the computer display is of the forward-projector-type.

43. The computer-readable media of claim 34, wherein the presentation includes information directed at how the photo-realistic moving videos guide the user in calibrating the computer display.

44. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a centering and size of media on the computer display.

45. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a brightness of the computer display.

46. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a contrast of the computer display.

47. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a color balance of the computer display.

48. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a color and tint of the computer display.

49. The computer-readable media of claim 34, wherein the presentation is directed at aiding the user to calibrate a sharpness of the computer display.

50. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to centering and sizing of media on the computer display.

51. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to calibrating a brightness of the computer display.

52. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to calibrating a contrast of the computer display.

53. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to calibrating a color balance of the computer display.

54. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to calibrating a color and tint of the computer display.

55. The computer-readable media of claim 34, wherein one of the photo-realistic-motion videos is tailored to calibrating a sharpness of the computer display.

56. A method comprising:

determining a type of a display; and

presenting, based on the type of the display, one or more photo-realistic motion videos to aid a user in calibrating the display.

57. The method of claim 56, wherein the determining includes presenting graphics that illustrate multiple types of displays and receiving a selection of the type of the display from the multiple types of displays.

58. The method of claim 56, further comprising:

determining a connection type of the display, and

wherein the presenting is also based on the connection type of the display.

59. The method of claim 58, wherein the determining the connection type of the display includes presenting graphics that illustrate multiple connection types and receiving a selection of the connection type of the display from the multiple connection types.

60. The method of claim 56, wherein one of the photo-realistic motion videos is hyper-sensitive to calibration changes of the display.

61. The method of claim 56, wherein the determining includes presenting multiple types of displays to the user and receiving, from the user, a selection of the type of the display.

62. The method of claim 56, wherein the determining includes presenting multiple types of displays to the user and receiving, from the user, a selection of the type of the display, wherein the multiple types of displays include a tube type of display, a panel type of display, a rear-projection type of display, or a forward-projection type of display.

63. The method of claim 56, wherein the determining includes presenting multiple types of displays to the user and receiving, from the user, a selection of the type of the display, wherein the multiple types of displays include a tube type of display, a plasma-panel type of display, a non-plasma panel type of display, a CRT rear-projection type of display, a non-CRT rear-projection type of display, a three-light forward-projection type of display, or a one-light forward-projection type of display.

64. The method of claim 56, wherein the presenting is directed to calibrating the display for use of the display to render motion video.

65. The method of claim 56, wherein the display is in use by a computer and further comprising directing the user to a screen settings application if the type of the display in use by the computer does not match screen settings appropriate for the type of the display.

66. The method of claim 56, wherein the display is in use by a computer and further comprising installing a screen settings application if the type of the display in use by the computer does not match screen settings appropriate for the type of the display.

67. One or more computer-readable media comprising computer-executable instructions that perform the following when executed by a computer:

present instructions to a user to aid the user in calibrating a computer display of a particular type, wherein the instructions presented are tailored to aid calibration of computer displays of that particular type.

68. A photo-realistic motion video capable of aiding a user to optimally calibrate a parameter of a video display.

69. The photo-realistic motion video of claim 68, wherein the photo-realistic motion video is hyper-sensitive to a calibration change to the parameter.

70. The photo-realistic motion video of claim 68, wherein the parameter affects centering of media on the video display.

71. The photo-realistic motion video of claim 68, wherein the parameter affects sizing of media on the video display.

72. The photo-realistic motion video of claim 68, wherein the parameter affects an aspect ratio of the video display.

73. The photo-realistic motion video of claim 68, wherein the parameter affects a brightness of the video display.

74. The photo-realistic motion video of claim 68, wherein the parameter affects a contrast of the video display.

75. The photo-realistic motion video of claim 68, wherein the parameter affects a color balance of the video display.

76. The photo-realistic motion video of claim 68, wherein the parameter affects a color and tint of the video display.

77. The photo-realistic motion video of claim 68, wherein the parameter affects a sharpness of the video display.

78. A photo-realistic motion video capable of being rendered on a computer display and having a photo-realistic object, the object having a hue such that adjusting a hue saturation of the computer display outside of an optimum range causes the object to appear unrealistic to a user.

79. The photo-realistic motion video of claim 78, wherein the photo-realistic object is hyper-sensitive to adjustments in the hue saturation of the computer display.

80. The photo-realistic motion video of claim 78, wherein the motion video includes two or more photo-realistic objects, the objects each having a similar hue and a dissimilar hue intensity such that adjusting the hue saturation of the computer display causes one of the objects to appear unrealistic to the user if the hue saturation is adjusted above the optimum range and another one of the objects to appear unrealistic to the user if the hue saturation is adjusted below the optimum range.

81. The photo-realistic motion video of claim 78, wherein the motion video includes three or more photo-realistic objects, the objects each having a similar hue and a dissimilar hue intensity such that adjusting the hue saturation of the computer display causes one of the objects to appear unrealistic to the user if the hue saturation is adjusted above the optimum range, another of the objects to appear unrealistic to the user if the hue saturation is adjusted below the optimum range, and another of the objects to appear slightly unrealistic to the user if the hue saturation is adjusted outside of the optimum range.

82. The photo-realistic motion video of claim 78, wherein the object is a moving human being.

83. The photo-realistic motion video of claim 78, wherein the adjusting the saturation outside of the optimum range causes the object to appear unrealistic to unaided eyes of the user.

84. The photo-realistic motion video of claim 78, further comprising instructions directed at using the motion video as an aid in calibrating the hue saturation of the computer display.

85. The photo-realistic motion video of claim 78, wherein the motion video is tailored to a cathode-ray-tube type of computer display.

86. A photo-realistic image capable of being rendered on a computer display and having a photo-realistic object, the object having a brightness such that adjusting a brightness calibration of the computer display outside of an optimum range causes the object to appear unrealistic to a user.

87. The photo-realistic image of claim 86, wherein the photo-realistic object is hyper-sensitive to adjustments in the brightness calibration of the computer display.

88. The photo-realistic image of claim 86, wherein the image includes a dark-gray area and a black area, the dark-gray area becoming undistinguishable from the black area if the brightness calibration is adjusted below the optimum range.

89. The photo-realistic image of claim 86, wherein the image is a motion video.

90. The photo-realistic image of claim 86, wherein the photo-realistic object simulates a PLUGE test pattern.

91. The photo-realistic image of claim 86, wherein the image is a motion video and the photo-realistic object moves.

92. The photo-realistic image of claim 86, further comprising instructions directed at using the image as an aid in calibrating the brightness calibration of the computer display.

93. A motion video capable of being rendered on a computer display and having a photo-realistic object such that adjusting a contrast calibration of the computer display outside of an optimum range causes the object to appear unrealistic to a user.

94. The motion video of claim 93, wherein the photo-realistic object is hyper-sensitive to adjustments to the contrast calibration of the computer display.

95. The motion video of claim 93, wherein the photo-realistic object appears to bend or warp if the contrast calibration is adjusted outside of the optimum range.

96. The motion video of claim 93, wherein the photo-realistic object includes two areas having different appearances when the contrast calibration is within the optimum range and the two areas of the photo-realistic object are un-differentiable if the contrast calibration is adjusted below the optimum range.

97. The motion video of claim 93, wherein the photo-realistic object includes two areas having different appearances when the contrast calibration is within the optimum range and the two areas of the photo-realistic object are un-differentiable if the contrast calibration is adjusted above the optimum range.

98. The motion video of claim 93, further comprising instructions directed at using the motion video as an aid in calibrating the contrast calibration of the computer display.

99. The motion video of claim 93, wherein the motion video is substantially photo-realistic.

100. A photo-realistic motion video capable of being rendered on a computer display and having a photo-realistic sharp-edged object, the sharp-edged object having edges such that adjusting a sharpness calibration of the computer display outside of an optimum range causes the edges of the object to appear unrealistic to a user.

101. The motion video of claim 100, wherein the photo-realistic sharp-edged object is hyper-sensitive to adjustments to the sharpness calibration of the computer display.

102. The motion video of claim 100, further comprising a second, commonly understood and photo-realistic object usable as a control to show how adjusting the sharpness calibration affects a commonly understood object.

103. The motion video of claim 100, wherein the sharp-edged object appears to have false or additional edges if the sharpness calibration is adjusted above the optimum range.

104. The motion video of claim 100, wherein the sharp-edged object appears to have unrealistically soft edges if the sharpness calibration is adjusted below the optimum range.

105. The motion video of claim 100, wherein the sharp-edged object appears to have false or additional edges if the sharpness calibration is adjusted above the optimum range and unrealistically soft edges if the sharpness calibration is adjusted below the optimum range.

106. The motion video of claim 100, further comprising instructions directed at using the motion video as an aid in calibrating the sharpness calibration of the computer display.

107. A system comprising:

a display having a screen capable of displaying display-type options;

a user-input device capable of enabling a user to select one of the display-type options;

a display calibration application capable of receiving the selected display-type option and determining instructions to aid the user in calibrating the display based on the selected display-type option, wherein the display is further capable of displaying the instructions; and

a computer capable of executing the display calibration application.

108. The system of claim 107, wherein the instructions include one or more photo-realistic motion videos.

109. A method comprising:

presenting graphics that illustrate multiple display types;

receiving a selection of one of the multiple display types; and

presenting, based on the selected display type, instructions to aid a user in calibrating a display of the selected display type.

110. The method of claim 109, further comprising:

presenting second graphics that illustrate multiple display connection types; and

receiving a second selection of one of the multiple display connection types,

wherein the presenting is further based on the selected display connection type.

111. The method of claim 110, wherein the multiple connection types include a television connection type and a computer connection type.

112. The method of claim 110, further comprising:

presenting text describing the multiple display connection types.

113. The method of claim 109, further comprising:

presenting second graphics that illustrate multiple aspect ratios; and

receiving a second selection of one of the multiple aspect ratios,

wherein the presenting is further based on the selected aspect ratio.

114. The method of claim 113, wherein the multiple aspect ratios include a standard and a widescreen aspect ratio.

115. The method of claim 113, further comprising:

presenting text describing the multiple aspect ratios.

116. The method of claim 109, further comprising:

enabling a user to select one of the multiple display types.

117. The method of claim 109, further comprising:

presenting text describing the multiple display types.

118. The method of claim 109, wherein the presenting instructions is directed to calibrating the display for use of the display to render motion video.

119. The method of claim 109, wherein the multiple display types include a tube type of display, a panel type of display, a rear-projection type of display, or a forward-projection type of display.

120. The method of claim 109, wherein the multiple display types include a tube type of display, a plasma-panel type of display, a non-plasma-panel type of display, a CRT rear-projection type of display, a non-CRT rear-projection type of display, a three-light forward-projection type of display, or a one-light forward-projection type of display.

121. The method of claim 109, wherein the presenting instructions includes presenting a photo-realistic moving video.

122. The method of claim 109, wherein the presenting instructions includes presenting a photo-realistic moving video and information directed at how the photo-realistic moving video guides the user in calibrating the display.

123. An apparatus comprising:

means for determining a type or a connection type of a display in use by a computer; and

means for presenting, based on the type or the connection type of the display, instructions to aid a user in calibrating the display.

124. The apparatus of claim 123, wherein the instructions include one or more photo-realistic motion videos.